

Notice of Allowability

Application No.

09/409,813

Examiner

Adnan M. Mirza

Applicant(s)

BUCHENRIEDER ET AL.

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/28/06.
2. ☒ The allowed claim(s) is/are 1-3 and 9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JASON CARDONE
SUPERVISORY PATENT EXAMINER

Reasons for Allowance

1. Claims 1-3,9 will be allowed.
2. The following is an examiner's statement of reasons for allowance.

The prior art references most closely resembling the applications claimed invention are Nelson et al (U.S. 5,812,857), Li et al (6,012,088) and Tang et al (U.S. 6,298,370).

Nelson is directed to the field configurable embedded computer system contains a central processing unit, a persistent memory area for storing programs persistent variables that need to be preserved when the product is powered down, a volatile memory that is operational while the unit containing the field configurable embedded computer system is powered on, but is erased when the unit is powered off, and a network communications hardware means, including the associated software drivers that enable the device to connect to a computer network. However Nelson failed to disclose, "Automatically reconfiguring the FPGA hardware structure of the computer with the aid of the hardware portion of the first configuration data so that the computer exhibits a hardware structure configured to the first task; and processing the first task with the computer configured with the first configuration data" (claims, 1,9).

Li is directed to the configuration record may be modified by the user or the ISP if the user physically changes the hardware within the computer and prearranges the change with the ISP (i.e., switches from a modem to an ISDN line). However Li did not disclose, "Automatically

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reconfiguring the FPGA hardware structure of the computer with the aid of the hardware portion of the first configuration data so that the computer exhibits a hardware structure configured to the first task; and processing the first task with the computer configured with the first configuration data” (claims, 1,9).

Also Tang failed to disclose, “Automatically reconfiguring the FPGA hardware structure of the computer with the aid of the hardware portion of the first configuration data so that the computer exhibits a hardware structure configured to the first task; and processing the first task with the computer configured with the first configuration data” (claims, 1,9).

In summary, the Examiner submits that there is no motivation to combine the aforementioned references; therefore, claims 1-3,9 have been deemed allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance”.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

The examiner can normally be reached on Monday to Friday during normal business hours.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



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